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1: J Biol Chem. 1995 Jan 27;270(4):1960-5.

Post-transcriptional regulation of the stanniocalcin gene by calcium.

Ellis TJ, Wagner GF.

Department of Physiology, Faculty of Medicine, University of Western Ontario, London, Canada.

Stanniocalcin (STC) is a Ca(2+)-regulating hormone produced by the corpuscles of Stannius in bony fish. Calcium has been shown to stimulate STC synthesis at multiple levels including the level of gene expression. The purpose of this study was to determine the effects of Ca2+ on STC mRNA stability. The half-life of STC mRNA was measured in primary cultured trout corpuscles of Stannius cells maintained in either normal (1.2 mM) or high (1.9 mM) levels of extracellular calcium and treated with the transcriptional inhibitor alpha-amanitin. In cells maintained in 1.2 mM Ca2+, STC mRNA levels decreased progressively over time with an estimated half-life of approximately 71 h. However, message levels remained unchanged for up to 4 days in cells maintained in 1.9 mM Ca2+, indicating that the transcript had been stabilized in response to Ca2+ stimulation. Blocking transcription prior to exposing cells to high Ca2+ did not alter the stabilizing effects of the cation, indicating that synthesis and processing of the mRNA transcript were not involved in message stabilization. Inhibiting protein synthesis with cycloheximide also had no influence on the stabilizing effects of high calcium. The experiments involving cycloheximide further suggested that the mechanism of mRNA stabilization involved protein-nucleic acid interactions in the cytoplasm, whereby the polysomal complex protected the mRNA from degradation. These data demonstrate that the stimulatory effect of Ca2+ on STC gene expression is due, in part, to mRNA stabilization.

PMID: 7829534 [PubMed - indexed for MEDLINE]

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1: Proc Natl Acad Sci U S A. 1995 Mar 14;92(6):1871-5. Related Articles, Links

Immunological and biological evidence for a stanniocalcin-like hormone in human kidney.

Wagner GF, Guiraudon CC, Milliken C, Copp DH.

Department of Physiology, University of Western Ontario, London, Canada.

The corpuscles of Stannius are responsible for the synthesis and secretion of stanniocalcin (STC), a glycoprotein hormone that regulates calcium and phosphate homeostasis in fishes through its actions on the gills and kidneys. The corpuscles of Stannius and STC are considered to be an endocrine system that is unique to fishes. In this report, we provide evidence for the existence of STC-like proteins in vertebrates other than fishes, in particular, humans. By using a well-characterized RIA for salmon STC, sera from vertebrates as diverse as sharks and humans contained measurable levels of STC-like immunoreactivity in the concentration range commonly observed in fishes, and all of these sera exhibited parallelism in the assay. By using Western blot analysis, proteins were also identified in human kidney extracts that shared several properties with the fish hormone in addition to their cross-reactivity with salmon STC antiserum. The same antiserum was used to identify a discrete population of cells in human kidney tubules that could be the source of serum immunoreactivity. Human kidney extracts containing the STC-immunoreactive proteins also had STC-related effects when injected into fishes. Collectively, the data suggest that STC may be more widespread among the vertebrates than is currently accepted.

PMID: 7892193 [PubMed - indexed for MEDLINE]

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1: Proc Natl Acad Sci U S A. 1996 Mar 5;93(5):1792-6.

Human stanniocalcin: a possible hormonal regulator of mineral metabolism.

Olsen HS, Cepeda MA, Zhang QQ, Rosen CA, Vozzolo BL.

Human Genome Sciences, Rockville, MD 20850-3338, USA.

We have isolated a human cDNA clone encoding the mammalian homolog of stanniocalcin (STC), a calcium- and phosphate-regulating hormone that was first described in fishes where it functions in preventing hypercalcemia. STC has a unique amino acid sequence and, until now, has remained one of the few polypeptide hormones never described in higher vertebrates. Human STC (hSTC) was found to be 247 amino acids long and to share 73% amino acid sequence similarity with fish STC. Polyclonal antibodies to recombinant hSTC localized to a distinct cell type in the nephron tubule, suggesting kidney as a possible site of synthesis. Recombinant hSTC inhibited the gill transport of calcium when administered to fish and stimulated renal phosphate reabsorption in the rat. The evidence suggests that mammalian STC, like its piscine counterpart, is a regulator of mineral homeostasis.

PMID: 8700837 [PubMed - indexed for MEDLINE]

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1: J Bone Miner Res. 1997 Feb;12(2):165-71. Related Articles, Links

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Human stanniocalcin inhibits renal phosphate excretion in the rat.

Wagner GF, Vozzolo BL, Jaworski E, Haddad M, Kline RL, Olsen HS, Rosen CA, Davidson MB, Renfro JL.

Department of Physiology, Faculty of Medicine, University of Western Ontario, London, Canada.

Stanniocalcin (STC) is a glycoprotein hormone first identified in bony fishes where it counteracts hypercalcemia by inhibiting gill calcium uptake and stimulating renal inorganic phosphate (Pi) reabsorption. Human STC (hSTC) has recently been cloned and sequenced and is highly homologous to the fish hormone at the amino acid level. The objective of this study was to examine the possible effects of hSTC on electrolyte homeostasis and renal function in the rat. Recombinant hSTC was expressed in bacteria and purified by metal-ion affinity chromatography and reverse-phase high performance liquid chromatography. Anesthetized animals were given bolus infusions of 1, 5, or 10 nmol hSTC per kilogram of body weight. Control animals received solvent alone. The most effective dosage was 5 nmol/kg, which caused significant reductions in both absolute and fractional phosphate excretion in comparison with control rats. The hSTC had no effect on the renal excretion of other ions, the glomerular filtration rate, renal blood flow, blood pressure, or plasma electrolytes (Na+, K+, Ca2+, Pi, Mg/+). The maximum effect of hSTC on phosphate excretion was observed 60-80 minutes postinjection. Lesser effects were obtained with higher and lower dosages of hormone. When renal cortical brush-border membrane vesicles were isolated from control and hormone-treated animals 80 minutes postinjection, the rate of Na+/Pi cotransport was found to be 40% higher in vesicles from hormone-treated animals ($p < 0.01$; 5 nmol hSTC/kg). Together, the renal clearance and membrane vesicle data indicate that hSTC participates in the renal regulation of Pi homeostasis in mammals.

PMID: 9041047 [PubMed - indexed for MEDLINE]

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1: Am J Physiol. 1998 Jan;274(1 Pt 1):G96-102.

Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine.

Madsen KL, Tavernini MM, Yachimec C, Mendrick DL, Alfonso PJ, Buergin M, Olsen HS, Antonaccio MJ, Thomson AB, Fedorak RN.

Division of Gastroenterology, University of Alberta, Edmonton, Canada.

Stanniocalcin (STC) is an anti-hypercalcemic glycoprotein hormone previously identified in the corpuscles of Stannius in bony fish and recently in the human genome. This study undertook to express human STC in Chinese hamster ovary (CHO) cells and to determine its effects on calcium and phosphate absorption in swine and rat intestine. Unidirectional mucosal-to-serosal (Jm-->s) and serosal-to-mucosal (Js-->m) 45Ca and 32P fluxes were measured in vitro in duodenal tissue in voltage-clamped Ussing chambers. Addition of STC (10-100 ng/ml) to the serosal surface of the duodenum resulted in a simultaneous increase in calcium Jm-->s and Js-->m fluxes, with a subsequent reduction in net calcium absorption. This was coupled with an STC-stimulated increase in phosphate absorption. Intestinal conductance was increased at the highest dose of STC (100 ng/ml) in swine tissue. The addition of STC to the mucosal surface had no effect on calcium and phosphate fluxes. STC at doses of 10-1,000 ng/ml had no effect on short-circuit current in any region of the rat intestine. In conclusion, human recombinant STC decreases the absorption of calcium and stimulates the absorption of phosphate in both swine and rat duodenum. STC is a novel regulatory protein that regulates mammalian intestinal calcium and phosphate transport.

PMID: 9458778 [PubMed - indexed for MEDLINE]

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1: Am J Physiol. 1998 Jan;274(1 Pt 1):G96-102.

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Stanniocalcin: a novel protein regulating calcium and phosphate transport across mammalian intestine.

Madsen KL, Tavernini MM, Yachimec C, Mendrick DL, Alfonso PJ, Buergin M, Olsen HS, Antonaccio MJ, Thomson AB, Fedorak RN.

Division of Gastroenterology, University of Alberta, Edmonton, Canada.

Stanniocalcin (STC) is an anti-hypercalcemic glycoprotein hormone previously identified in the corpuscles of Stannius in bony fish and recently in the human genome. This study undertook to express human STC in Chinese hamster ovary (CHO) cells and to determine its effects on calcium and phosphate absorption in swine and rat intestine. Unidirectional mucosal-to-serosal (Jm-->s) and serosal-to-mucosal (Js-->m) 45Ca and 32P fluxes were measured in vitro in duodenal tissue in voltage-clamped Ussing chambers. Addition of STC (10-100 ng/ml) to the serosal surface of the duodenum resulted in a simultaneous increase in calcium Jm-->s and Js-->m fluxes, with a subsequent reduction in net calcium absorption. This was coupled with an STC-stimulated increase in phosphate absorption. Intestinal conductance was increased at the highest dose of STC (100 ng/ml) in swine tissue. The addition of STC to the mucosal surface had no effect on calcium and phosphate fluxes. STC at doses of 10-1,000 ng/ml had no effect on short-circuit current in any region of the rat intestine. In conclusion, human recombinant STC decreases the absorption of calcium and stimulates the absorption of phosphate in both swine and rat duodenum. STC is a novel regulatory protein that regulates mammalian intestinal calcium and phosphate transport.

PMID: 9458778 [PubMed - indexed for MEDLINE]

h cb hg e e e fcg c e e e b b e b c

1: Am J Pathol. 1998 Aug;153(2):439-45.

High expression of stanniocalcin in differentiated brain neurons.

Zhang KZ, Westberg JA, Paetau A, von Boguslawsky K, Lindsberg P, Erlander M, Guo H, Su J, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, Finland.

Stanniocalcin (STC) is a glycoprotein hormone first found in fish, in which it regulates calcium homeostasis and protects against hypercalcemia. Human and mouse stc cDNA were recently cloned. We found a dramatically upregulated expression of STC during induced neural differentiation in a human neural crest-derived cell line, Paju. Immunohistochemical staining of sections from human and adult mouse brain revealed abundant presence of STC in the neurons with no activity in the glial cells. STC expression was not seen in immature brain neurons of fetal or newborn mice. Given that STC has been found to regulate calcium/phosphate metabolism in some mammalian epithelia, we suggest that STC may act as a regulator of calcium homeostasis in terminally differentiated brain neurons.

PMID: 9708804 [PubMed - indexed for MEDLINE]

h cb hg e e e fcg c e e e b b e b c

1: Am J Pathol. 1998 Aug;153(2):439-45.

High expression of stanniocalcin in differentiated brain neurons.

Zhang KZ, Westberg JA, Paetau A, von Boguslawsky K, Lindsberg P, Erlander M, Guo H, Su J, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, Finland.

Stanniocalcin (STC) is a glycoprotein hormone first found in fish, in which it regulates calcium homeostasis and protects against hypercalcemia. Human and mouse stc cDNA were recently cloned. We found a dramatically upregulated expression of STC during induced neural differentiation in a human neural crest-derived cell line, Paju. Immunohistochemical staining of sections from human and adult mouse brain revealed abundant presence of STC in the neurons with no activity in the glial cells. STC expression was not seen in immature brain neurons of fetal or newborn mice. Given that STC has been found to regulate calcium/phosphate metabolism in some mammalian epithelia, we suggest that STC may act as a regulator of calcium homeostasis in terminally differentiated brain neurons.

PMID: 9708804 [PubMed - indexed for MEDLINE]

h cb hg e e e fcg c e e e b b e b c

1: Proc Natl Acad Sci U S A. 2000 Mar 28;97(7):3637-42. Related Articles, Links

Stanniocalcin: A molecular guard of neurons during cerebral ischemia.

Zhang K, Lindsberg PJ, Tatlisumak T, Kaste M, Olsen HS, Andersson LC.

Department of Pathology, Haartman Institute, University of Helsinki, FIN-00014, Helsinki, Finland.

Stanniocalcin (STC) is a glycoprotein hormone originally found in bony fish, in which it regulates calcium/phosphate homeostasis and protects against hypercalcemia. The recently characterized human STC shows about 70% homology with fish STC. We previously reported a constitutive expression of STC in terminally differentiated neurons. Here, we show that exposure of human neural-crest-derived cell line Paju to hypercalcemic culture medium induced expression of STC. Treatment of Paju cells with recombinant human STC increased their uptake of inorganic phosphate. Paju cells expressing STC by cDNA transfection displayed increased resistance to ischemic challenge and to elevated intracellular free calcium induced by treatment with thapsigargin. An up-regulated and redistributed expression of STC was observed in neurons surrounding the core of acute infarcts in human and rat brains. Given that mobilization and influx of calcium is considered a main neurotoxic mechanism following ischemia, our results suggest that the altered expression of STC contributes to the protection of cerebral neurons against hypoxic/ischemic damage. Manipulation of the STC expression may therefore offer a therapeutic approach to limit the injury after ischemic brain insults.

PMID: 10725397 [PubMed - indexed for MEDLINE]

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h cb h g e e e fcg c e e e b b e b c

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=> s stanniocalcin
  24 FILES SEARCHED...
  53 FILES SEARCHED...
L1        2365 STANNIOCALCIN

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING IS APPROXIMATELY  83% COMPLETE FOR L1
PROCESSING COMPLETED FOR L1
L2         1443 DUP REM L1 (922 DUPLICATES REMOVED)

=> S ischemia OR hypoxia
  26 FILES SEARCHED...
  42 FILES SEARCHED...
L3     1045538 ISCHEMIA OR HYPOXIA

=> S L2 AND L3
  31 FILES SEARCHED...
  64 FILES SEARCHED...
L4          45 L2 AND L3

=> DUP REM L4
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DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4
L5           45 DUP REM L4 (0 DUPLICATES REMOVED)

=> D L5 1-45

L5   ANSWER 1 OF 45  USPATFULL on STN
AN     2004:50919  USPATFULL
TI     Heteromultimeric TNF ligand family members
IN     Hilbert, David M., Bethesda, MD, UNITED STATES
       Rosen, Craig A., Laytonsville, MD, UNITED STATES
PI     US 2004038349      A1   20040226
AI     US 2002-202062     A1   20020725 (10)
PRAI   US 2001-307838P     20010727 (60)
DT     Utility
FS     APPLICATION
LN.CNT 14327
INCL   INCLM: 435/069.500
       INCLS: 435/320.100; 435/325.000; 530/351.000
NCL    NCLM:  435/069.500
       NCLS:  435/320.100; 435/325.000; 530/351.000
IC     [7]
       ICM: C12P021-02
       ICS: C07K014-52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5   ANSWER 2 OF 45  USPATFULL on STN
AN     2004:50862  USPATFULL
TI     Wound healing biomarkers
IN     Burslem, Martyn Frank, Sandwich, UNITED KINGDOM
       Johnson, Claire Michelle, Sandwich, UNITED KINGDOM
       Cooper, Lisa, London, UNITED KINGDOM
       Martin, Paul, London, UNITED KINGDOM
PI     US 2004038292      A1   20040226
AI     US 2002-175184     A1   20020618 (10)
PRAI   GB 2001-14869       20010618
       US 2001-305346P     20010713 (60)
DT     Utility
FS     APPLICATION
LN.CNT 67123
INCL   INCLM: 435/007.100
       INCLS: 435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
NCL    NCLM:  435/007.100
       NCLS:  435/069.100; 435/226.000; 435/320.100; 435/325.000; 536/023.200
IC     [7]
       ICM: G01N033-53
       ICS: C07H021-04; C12P021-02; C12N005-06; C12N009-64
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 45 USPATFULL on STN
AN 2004:50778 USPATFULL
TI Gene expression in bladder tumors
IN Orntoft, Torben F., Aabyhoj, DENMARK
PI US 2004038207 A1 20040226
AI US 2001-951968 A1 20010914 (9)
RLI Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DT Utility
FS APPLICATION
LN.CNT 28561
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 45 USPATFULL on STN
AN 2004:44503 USPATFULL
TI Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators
IN Murray, Richard, Cupertino, CA, UNITED STATES
Glynne, Richard, Palo Alto, CA, UNITED STATES
Watson, Susan R., El Cerrito, CA, UNITED STATES
Aziz, Natasha, Palo Alto, CA, UNITED STATES
PA Eos Biotechnology, Inc., South San Francisco, CA, UNITED STATES, 94080 (U.S. corporation)
PI US 2004033495 A1 20040219
AI US 2002-211462 A1 20020801 (10)
PRAI US 2001-310025P 20010803 (60)
US 2001-334244P 20011129 (60)
DT Utility
FS APPLICATION
LN.CNT 24599
INCL INCLM: 435/006.000
INCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/007.230; 435/069.100; 435/320.100; 435/325.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-574; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 45 USPATFULL on STN
AN 2004:38576 USPATFULL
TI Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer
IN Mack, David H., Menlo Park, CA, UNITED STATES
Gish, Kurt C., San Francisco, CA, UNITED STATES
Afar, Daniel, Brisbane, CA, UNITED STATES
PA Eos Technology, Inc., South San Francisco, CA, UNITED STATES, 94080-7019 (U.S. corporation)
PI US 2004029114 A1 20040212
AI US 2002-58270 A1 20020124 (10)
PRAI US 2001-263965P 20010124 (60)
US 2001-265928P 20010202 (60)
US 2001-282698P 20010409 (60)
US 2001-288590P 20010504 (60)
US 2001-294443P 20010529 (60)
DT Utility
FS APPLICATION
LN.CNT 42494
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-72; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 45 USPATFULL on STN
AN 2004:18362 USPATFULL
TI Tumor necrosis factor receptors 6 alpha & 6 beta
IN Gentz, Reiner L., Belo Horizonte-Mg, BRAZIL

Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Feng, Ping, Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
PI US 2004013664 A1 20040122
AI US 2003-418242 A1 20030418 (10)
RLI Continuation-in-part of Ser. No. US 2001-935727, filed on 24 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2000-518931, filed on 3 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING Continuation-in-part of Ser. No. US 2000-518931, filed on 3 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING
PRAI US 2002-373604P 20020419 (60)
US 2001-303224P 20010706 (60)
US 2000-252131P 20001121 (60)
US 2000-227598P 20000825 (60)
US 1999-168235P 19991201 (60)
US 1999-146371P 19990802 (60)
US 1999-131964P 19990430 (60)
US 1999-131279P 19990427 (60)
US 1999-124092P 19990312 (60)
US 1999-121774P 19990304 (60)
US 1997-35496P 19970114 (60)
US 1999-168235P 19991201 (60)
US 1999-146371P 19990802 (60)
US 1999-131964P 19990430 (60)
US 1999-131279P 19990427 (60)
US 1999-124092P 19990312 (60)
US 1999-121774P 19990304 (60)
US 1997-35496P 19970114 (60)
US 1997-35496P 19970114 (60)
DT Utility
FS APPLICATION
LN.CNT 13403
INCL INCLM: 424/130.100
INCLS: 514/012.000
NCL NCLM: 424/130.100
NCLS: 514/012.000
IC [7]
ICM: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 45 USPATFULL on STN
AN 2004:13611 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2004010134 A1 20040115
AI US 2001-833245 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
DT Utility
FS APPLICATION
LN.CNT 25066
INCL INCLM: 536/023.500
INCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
NCL NCLM: 536/023.500
NCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
IC [7]
ICM: C07H021-04
ICS: C12P021-04; C12P021-02; C07K014-765; A61K038-38
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 45 USPATFULL on STN
AN 2004:66006 USPATFULL
TI DNA array sequence selection
IN Lorenz, Matthias, Bethesda, MD, United States
PA The United States of America as represented by the Department of Health and Human Services, Washington, DC, United States (U.S. government)
PI US 6706867 B1 20040316
AI US 2000-741238 20001219 (9)
DT Utility
FS GRANTED

LN.CNT 23532
INCL INCLM: 536/023.100
INCLS: 536/024.320; 536/024.310; 536/024.300; 435/006.000
NCL NCLM: 536/023.100
NCLS: 435/006.000; 536/024.300; 536/024.310; 536/024.320
IC [7]
ICM: C07H021-04
ICS: C12Q001-68
EXF 435/6; 536/24.32; 536/24.31; 536/24.33; 536/23.1
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AN 2004247730 EMBASE Alert (EMBAL)
TI Modulation of gene expression by ***hypoxia*** in human umbilical cord vein endothelial cells: A transcriptomic and proteomic study.
AU Scheurer S.B.; Rybak J.N.; Rosli C.; Neri D.; Elia G.
CS D. Neri, Institute of Pharmaceutical Sciences, Swiss Fed. Inst. of Technol. Zurich, Zurich, Switzerland. neri@pharma.ethz.ch
SO Proteomics, (2004) 4/6 (1737-1760). Refs: 107.
CODEN: PROTC ISSN: 1615-9853
CY Germany
DT Article
LA English
SL English

L5 ANSWER 10 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:856127 CAPLUS
DN 139:363053
TI Gene expression profiles and cell-based modulator screening relating to endothelial cell signaling using the protease-activated receptor 1 and their use in treating inflammation and sepsis
IN Ruf, Wolfram; Riewald, Matthias
PA The Scripps Research Institute, USA
SO PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2003089903	A2	20031030	WO 2003-US12109	20030418
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004033517	A1	20040219	US 2003-418938	20030418
PRAI US 2002-374110P	P	20020419		

L5 ANSWER 11 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:492204 CAPLUS
DN 139:64331
TI Modular biochip arrays and their diagnostic or analytical uses and their preparation and uses
IN Bignon, Yves Jean; Vidal, Veronique; D'Incan, Chantal; Laplace, Chambaud Valerie; Sylvain, Vidal Valerie
PA Centre Medico Chirurgical De Tronquieres, Fr.
SO Fr. Demande, 124 pp.
CODEN: FRXXBL
DT Patent
LA French
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI FR 2833968	A1	20030627	FR 2001-16962	20011220
PRAI FR 2001-16962		20011220		

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 45 USPATFULL on STN
AN   2003:318682 USPATFULL
TI   Human G-protein chemokine receptor HSATU68
IN   Li, Yi, Sunnyvale, CA, UNITED STATES
PI   US 2003224426   A1   20031204
AI   US 2003-411284   A1   20030411 (10)
RLI   Continuation-in-part of Ser. No. US 1998-101518, filed on 21 Dec 1998,
      PENDING A 371 of International Ser. No. WO 1996-US499, filed on 11 Jan
      1996, PENDING
PRAI US 2002-371725P   20020412 (60)
DT   Utility
FS   APPLICATION
LN.CNT 16542
INCL INCLM: 435/006.000
      INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
             536/023.500
NCL   NCLM: 435/006.000
      NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
             536/023.500
IC   [7]
      ICM: C12Q001-68
      ICS: G01N033-53; C07H021-04; C07K014-715; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 13 OF 45 USPATFULL on STN
AN   2003:312278 USPATFULL
TI   Albumin fusion proteins
IN   Rosen, Craig A., Laytonsville, MD, UNITED STATES
      Haseltine, William A., Washington, DC, UNITED STATES
PI   US 2003219875   A1   20031127
AI   US 2001-833118   A1   20010412 (9)
PRAI US 2000-256931P   20001221 (60)
      US 2000-199384P   20000425 (60)
      US 2000-229358P   20000412 (60)
DT   Utility
FS   APPLICATION
LN.CNT 15415
INCL INCLM: 435/069.700
      INCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
NCL   NCLM: 435/069.700
      NCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
IC   [7]
      ICM: A61K038-38
      ICS: C07H021-04; C12P021-04; C07K014-76
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 45 USPATFULL on STN
AN   2003:294822 USPATFULL
TI   Genes induced by ***hypoxia***
IN   Riggins, Gregory J., Durham, NC, UNITED STATES
      Lal, Anita, Durham, NC, UNITED STATES
PA   Duke University, Durham, NC (U.S. corporation)
PI   US 2003207840   A1   20031106
AI   US 2003-465572   A1   20030620 (10)
RLI   Division of Ser. No. US 2002-201642, filed on 24 Jul 2002, PENDING
PRAI US 2001-307600P   20010726 (60)
DT   Utility
FS   APPLICATION
LN.CNT 2369
INCL INCLM: 514/044.000
      INCLS: 424/001.490; 424/178.100; 424/155.100
NCL   NCLM: 514/044.000
      NCLS: 424/001.490; 424/178.100; 424/155.100
IC   [7]
      ICM: A61K051-00
      ICS: A61K048-00; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 15 OF 45 USPATFULL on STN
AN   2003:282700 USPATFULL
TI   Albumin fusion proteins
IN   Ballance, David J., Berwyn, PA, UNITED STATES
      Sleep, Darrell, West Bridgford, UNITED KINGDOM
      Prior, Christopher P., Rosemont, PA, UNITED STATES
      Sadeghi, Homayoun, Doylestown, PA, UNITED STATES
      Turner, Andrew J., Eagleville, PA, UNITED STATES

US 2003199043 A1 20031023
US 2001-832501 A1 20010412 (9)
AI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
Utility
APPLICATION
.CNT 14339
CL INCLM: 435/069.700
INCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000; 536/023.500
LL NCLM: 435/069.700
NCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000; 536/023.500
[7]
ICM: C12P021-02
ICS: C07H021-04; C12N005-06; C07K014-76; C07K014-52
AS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 16 OF 45 USPATFULL on STN
2003:250423 USPATFULL
Neutrokine-alpha and neutrokine-alpha splice variant
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ullrich, Stephen, Rockville, MD, UNITED STATES
Laird, Michael, Germantown, MD, UNITED STATES
A Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)
US 2003175208 A1 20030918
US 2002-270487 A1 20021016 (10)
LI Continuation-in-part of Ser. No. US 2001-929493, filed on 15 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, GRANTED, Pat. No. US 6403770 Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, ABANDONED Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589288, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998, PENDING Continuation-in-part of Ser. No. WO 1996-US17957, filed on 25 Oct 1996, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1998-5874, filed on 12 Jan 1998, PENDING
RAI US 2001-329508P 20011017 (60)
US 2001-329747P 20011018 (60)
US 2001-330835P 20011031 (60)
US 2001-331478P 20011116 (60)
US 2001-336726P 20011207 (60)
US 2002-368548P 20020401 (60)
US 2000-225628P 20000815 (60)
US 2000-227008P 20000823 (60)
US 2000-234338P 20000922 (60)
US 2000-240806P 20001017 (60)
US 2000-250020P 20001130 (60)
US 2001-276248P 20010316 (60)
US 2001-293499P 20010525 (60)
US 2001-296122P 20010607 (60)
US 2001-304809P 20010713 (60)
US 1999-122388P 19990302 (60)
US 1999-124097P 19990312 (60)
US 1999-126599P 19990326 (60)
US 1999-127598P 19990402 (60)
US 1999-130412P 19990416 (60)
US 1999-130696P 19990423 (60)
US 1999-131278P 19990427 (60)
US 1999-131673P 19990429 (60)

US 1999-136784P 19990528 (60)
US 1999-142659P 19990706 (60)
US 1999-145824P 19990727 (60)
US 1999-167239P 19991124 (60)
US 1999-168624P 19991203 (60)
US 1999-171108P 19991216 (60)
US 1999-171626P 19991223 (60)
US 2000-176015P 20000114 (60)
US 1999-122388P 19990302 (60)
US 1999-124097P 19990312 (60)
US 1999-126599P 19990326 (60)
US 1999-127598P 19990402 (60)
US 1999-130412P 19990416 (60)
US 1999-130696P 19990423 (60)
US 1999-131278P 19990427 (60)
US 1999-131673P 19990429 (60)
US 1999-136784P 19990528 (60)
US 1999-142659P 19990706 (60)
US 1999-145824P 19990727 (60)
US 1999-167239P 19991124 (60)
US 1999-168624P 19991203 (60)
US 1999-171108P 19991216 (60)
US 1999-171626P 19991223 (60)
US 2000-176015P 20000114 (60)
US 1997-36100P 19970114 (60)
Utility
APPLICATION
CNT 18884
INCLM: 424/001.490
INCLS: 424/001.690
NCLM: 424/001.490
NCLS: 424/001.690
[7]
ICM: A61K051-00
INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 17 OF 45 USPATFULL on STN
2003:244853 USPATFULL
Albumin fusion proteins
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES
Prior, Christopher P., Rosemont, PA, UNITED STATES
Turner, Andrew J., Eagleville, PA, UNITED STATES
US 2003171267 A1 20030911
US 2001-833117 A1 20010412 (9)
US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
Utility
APPLICATION
CNT 13208
INCLM: 514/012.000
INCLS: 530/363.000
NCLM: 514/012.000
NCLS: 530/363.000
[7]
ICM: A61K038-38
ICS: C07K014-765
INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 18 OF 45 USPATFULL on STN
2003:238706 USPATFULL
Human tumor necrosis factor delta and epsilon
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Gentz, Reiner, Belo Horizonte-Mg, BRAZIL
US 2003166864 A1 20030904
US 2002-268951 A1 20021011 (10)
Continuation-in-part of Ser. No. US 2001-879919, filed on 14 Jun 2001, PENDING Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170 Continuation-in-part of Ser. No. US 2002-82260, filed on 26 Feb 2002, GRANTED, Pat. No. US 6506882 Division of Ser. No. US 1997-815783, filed on 12 Mar 1997, GRANTED, Pat. No. US 6509170
US 2001-328401P 20011012 (60)

US 2000-211537P 20000615 (60)
US 2000-241952P 20001023 (60)
US 2000-254875P 20001213 (60)
US 2001-277978P 20010323 (60)
US 2001-276248P 20010316 (60)
US 2001-293499P 20010525 (60)
US 1996-16812P 19960314 (60)
US 1996-16812P 19960314 (60)
US 1996-16812P 19960314 (60)
Utility
APPLICATION
CNT 14873
L INCLM: 530/351.000
INCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100; 424/450.000
NCLM: 530/351.000
NCLS: 435/069.500; 435/320.100; 435/325.000; 536/023.500; 424/085.100; 424/450.000
[7]
ICM: C07K014-525
ICS: C07H021-04; C12P021-02; A61K038-19; A61K009-127
INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 19 OF 45 USPATFULL on STN
2003:206834 USPATFULL
Chemokine beta-1 fusion proteins
Bell, Adam, Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
US 2003143191 A1 20030731
US 2002-153604 A1 20020524 (10)
I US 2001-293212P 20010525 (60)
Utility
APPLICATION
CNT 15446
L INCLM: 424/085.100
INCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100; 435/325.000
NCLM: 424/085.100
NCLS: 530/351.000; 536/023.500; 435/069.500; 435/320.100; 435/325.000
[7]
ICM: A61K038-19
ICS: C07K014-52; C07H021-04; C12P021-02; C12N005-06
INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 20 OF 45 USPATFULL on STN
2003:200909 USPATFULL
Methods and compositions for modulating ACE-2 activity
Parry, Tom J., Walkersville, MD, UNITED STATES
Sekut, Les, Ijamsville, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Albert, Vivian R., Rockville, MD, UNITED STATES
Sanyal, Indrajit, Bethesda, MD, UNITED STATES
Huang, Lili, Burlington, MA, UNITED STATES
Wescott, Charles R., Belmont, MA, UNITED STATES
US 2003138894 A1 20030724
US 2004121429 A9 20040624
US 2002-158825 A1 20020603 (10)
I US 2001-294976P 20010604 (60)
Utility
APPLICATION
CNT 9236
L INCLM: 435/069.100
INCLS: 530/324.000; 514/012.000; 435/226.000; 435/320.100; 435/325.000
NCLM: 435/069.100
NCLS: 530/324.000; 514/012.000; 435/226.000; 435/320.100; 435/325.000
[7]
ICM: A61K038-16
ICS: C12P021-02; C12N005-06; C12N009-64
INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 21 OF 45 USPATFULL on STN
2003:181414 USPATFULL
Albumin fusion proteins
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
US 2003125247 A1 20030703
US 2001-833041 A1 20010412 (9)

PRAI US 2000-256931P 20001221 (60)
      US 2000-199384P 20000425 (60)
      US 2000-229358P 20000412 (60)
DT   Utility
FS   APPLICATION
LN.CNT 15235
INCL INCLM: 514/012.000
      INCLS: 530/363.000
NCL   NCLM: 514/012.000
      NCLS: 530/363.000
IC   [7]
      ICM: A61K038-38
      ICS: C07K014-765
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 22 OF 45 USPATFULL on STN
AN   2003:133472 USPATFULL
TI   Methods and compositions for modulating ACE-2 activity
IN   Parry, Tom J., Walkersville, MD, UNITED STATES
      Sekut, Les, Ijamsville, MD, UNITED STATES
PI   US 2003091557   A1   20030515
      US 6592865   B2   20030715
AI   US 2002-158847   A1   20020603 (10)
PRAI US 2001-295004P   20010604 (60)
DT   Utility
FS   APPLICATION
LN.CNT 9238
INCL INCLM: 424/094.640
NCL   NCLM: 424/094.640
      NCLS: 514/002.000; 514/015.000
IC   [7]
      ICM: A61K038-48
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 23 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:566413 BIOSIS
DN PREV200300568287
TI The role of HIF-1alpha in transcriptional regulation of the proximal
    tubular epithelial cell response to ***hypoxia*** .
AU Leonard, Martin O.; Cottell, David C.; Godson, Catherine; Brady, Hugh R.;
    Taylor, Cormac T. [Reprint Author]
CS Conway Institute, University College Dublin, Belfield, Dublin 4, Ireland
    cormac.taylor@ucd.ie
SO Journal of Biological Chemistry, (October 10 2003) Vol. 278, No. 41, pp.
    40296-40304. print.
    CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 3 Dec 2003
    Last Updated on STN: 3 Dec 2003

L5 ANSWER 24 OF 45 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2003:36418397 BIOTECHNO
TI   ***Stanniocalcin*** -1: A novel molecular blood and bone marrow marker
    for human breast cancer
AU Wascher R.A.; Huynh K.T.; Giuliano A.E.; Hansen N.M.; Singer F.R.;
    Elashoff D.; Hoon D.S.B.
CS D.S.B. Hoon, Department of Molecular Oncology, John Wayne Cancer
    Institute, 2200 Santa Monica Boulevard, Santa Monica, CA 90404-2302,
    United States.
    E-mail: hoond@jwci.org
SO Clinical Cancer Research, (01 APR 2003), 9/4 (1427-1435), 43 reference(s)
    CODEN: CCREF4 ISSN: 1078-0432
DT Journal; Article
CY United States
LA English
SL English

L5 ANSWER 25 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:92095 BIOSIS
DN PREV200400085287
TI Involvement of HIF-1alpha in ***hypoxia*** mediated alterations in
    human proximal tubular epithelial cell transcription.
AU Leonard, Martin O. [Reprint Author]; Godson, Catherine [Reprint Author];
    Brady, Hugh R. [Reprint Author]; Taylor, Cormac T. [Reprint Author]
CS Department of Medicine and Therapeutics, Conway Institute of Biomolecular

and Biomedical Research, University College Dublin, Dublin, Ireland
SO Journal of the American Society of Nephrology, (November 2003) Vol. 14, No. Abstracts Issue, pp. 24A. print.
Meeting Info.: Meeting of the American Society of Nephrology Renal Week. San Diego, CA, USA. November 12-17, 2003. American Society of Nephrology.
CODEN: JASNEU. ISSN: 1046-6673.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 11 Feb 2004
Last Updated on STN: 11 Feb 2004

L5 ANSWER 26 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:832576 CAPLUS
DN 137:346197
TI Treatment of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PA Epigenesis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 764 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002085309	A2	20021031	WO 2002-US13143	20020423
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2004049022	A1	20040311	US 2003-627930	20030725
PRAI	US 2001-286036P	P	20010424		
	WO 2002-US13135	A2	20020423		
	WO 2002-US13143	A2	20020423		

OS MARPAT 137:346197

L5 ANSWER 27 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:832575 CAPLUS
DN 137:346196
TI Treatment of respiratory and lung diseases with antisense oligonucleotides and a bronchodilating agent
IN Nyce, Jonathan W.; Li, Yukui; Sandrasagra, Anthony; Katz, Evan; Pabalan, Jonathan; Aguilar, Douglas; Miller, Shoreh; Tang, Lei; Shahabuddin, Syed
PA Epigenesis Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 872 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002085308	A2	20021031	WO 2002-US13135	20020423
	WO 2002085308	A3	20021219		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	WO 2002085308	A2	20021031	WO 2002-XA13135	20020423
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
WO 2002085308 A2 20021031 WO 2002-XB13135 20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
WO 2002085308 A2 20021031 WO 2002-XC13135 20020423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2004049022 A1 20040311 US 2003-627930 20030725
RAI US 2001-286137P P 20010424
WO 2002-US13135 A 20020423
WO 2002-US13143 A2 20020423
S MARPAT 137:346196

5 ANSWER 28 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
N 2002:276517 CAPLUS
N 136:273573
I Human ***stanniocalcin*** and its use in diagnosis and treatment of brain ***ischemia***
N Olsen, Henrik S.; Zhang, Ke-zhou; Lindsberg, Perttu; Tatlisumak, Turgut; Kaste, Markku; Andersson, Leif C.
A Human Genome Sciences, Inc., USA
O U.S. Pat. Appl. Publ., 103 pp., Cont.-in-part of Appl. No. PCT/US00/29432.
CODEN: USXXCO
T Patent
A English
AN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	US 2002042372	A1	20020411	US 2001-840989	20010425
	WO 2001030969	A2	20010503	WO 2000-US29432	20001020

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
RAI US 1999-161740P P 19991027
WO 2000-US29432 A2 20001020

5 ANSWER 29 OF 45 CAPLUS COPYRIGHT 2004 ACS on STN
N 2002:937303 CAPLUS
N 138:20443
I Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes
N Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi; Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki, Yuki; Kato, Ikunoshin
A Takara Bio Inc., Japan
O Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
T Patent
A Japanese
AN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	JP 2002355079	A2	20021210	JP 2002-69354	20020313
RAI	JP 2001-73183	A	20010314		
	JP 2001-74993	A	20010315		
	JP 2001-102519	A	20010330		

5 ANSWER 30 OF 45 USPATFULL on STN
N 2002:273550 USPATFULL
I Nucleic acids, proteins and antibodies
N Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
I US 2002151681 A1 20021017
I US 2001-925300 A1 20010810 (9)
LI Continuation-in-part of Ser. No. WO 2000-US5988, filed on 8 Mar 2000, UNKNOWN
RAI US 1999-124270P 19990312 (60)
T Utility
S APPLICATION
N.CNT 29771
NCL INCLM: 530/350.000
INCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300
CL NCLM: 530/350.000
NCLS: 536/023.500; 435/325.000; 435/320.100; 435/069.300
C [7]
ICM: C07K014-435
ICS: C07H021-04; C12P021-02; C12N005-06
AS INDEXING IS AVAILABLE FOR THIS PATENT.

5 ANSWER 31 OF 45 USPATFULL on STN
N 2002:272468 USPATFULL
I Tumor necrosis factor receptors 6alpha & 6beta
N Gentz, Reiner L., Rockville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
A Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
I US 2002150583 A1 20021017
I US 2001-935727 A1 20010824 (9)
LI Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING Continuation-in-part of Ser. No. US 2000-518931, filed on 3 Mar 2000, PENDING Continuation-in-part of Ser. No. US 1998-6352, filed on 13 Jan 1998, PENDING
RAI US 2001-303224P 20010706 (60)
US 2000-252131P 20001121 (60)
US 2000-227598P 20000825 (60)
US 1999-168235P 19991201 (60)
US 1999-146371P 19990802 (60)
US 1999-131964P 19990430 (60)
US 1999-131270P 19990427 (60)
US 1999-124092P 19990312 (60)
US 1999-121774P 19990304 (60)
US 1997-35496P 19970114 (60)
T Utility
S APPLICATION
N.CNT 12989
NCL INCLM: 424/178.100
INCLS: 530/389.100
CL NCLM: 424/178.100
NCLS: 530/389.100
C [7]
ICM: A61K039-395
ICS: C07K016-46
AS INDEXING IS AVAILABLE FOR THIS PATENT.

5 ANSWER 32 OF 45 USPATFULL on STN
N 2002:213736 USPATFULL
I Neutrokine-alpha and Neutrokine-alpha splice variant
N Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ullrich, Stephen, Rockville, MD, UNITED STATES

PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2002115112 A1 20020822
AI US 2001-929493 A1 20010815 (9)
RLI Continuation-in-part of Ser. No. US 2000-588947, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589285, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589286, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-589287, filed on 8 Jun 2000, PENDING Continuation-in-part of Ser. No. US 2000-586288, filed on 2 Jun 2000, PATENTED Continuation-in-part of Ser. No. US 2000-507968, filed on 22 Feb 2000, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING Continuation-in-part of Ser. No. US 1999-255794, filed on 23 Feb 1999, PENDING
PRAI US 2000-225628P 20000815 (60)
US 2000-227008P 20000823 (60)
US 2000-234338P 20000922 (60)
US 2000-240806P 20001017 (60)
US 2000-250020P 20001130 (60)
US 2001-276248P 20010316 (60)
US 2001-293499P 20010525 (60)
US 2001-296122P 20010607 (60)
US 2001-304809P 20010713 (60)
US 1999-122388P 19990302 (60)
US 1999-124097P 19990312 (60)
US 1999-126599P 19990326 (60)
US 1999-127598P 19990402 (60)
US 1999-130412P 19990416 (60)
US 1999-130696P 19990423 (60)
US 1999-131278P 19990427 (60)
US 1999-131673P 19990429 (60)
US 1999-136784P 19990528 (60)
US 1999-142659P 19990706 (60)
US 1999-145824P 19990727 (60)
US 1999-167239P 19991124 (60)
US 1999-168624P 19991203 (60)
US 1999-171108P 19991216 (60)
US 1999-171626P 19991223 (60)
US 2000-176015P 20000114 (60)
DT Utility
FS APPLICATION
LN.CNT 18178
INCL INCLM: 435/007.200
INCLS: 530/388.230; 424/145.100
NCL NCLM: 435/007.200
NCLS: 530/388.230; 424/145.100
IC [7]
ICM: C07K016-24
ICS: G01N033-567; G01N033-53; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 33 OF 45 USPATFULL on STN
AN 2002:198636 USPATFULL
TI Human tumor necrosis factor receptor TR17
IN Ruben, Steven M., Olney, MD, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2002106736 A1 20020808
AI US 2001-961376 A1 20010925 (9)
RLI Continuation-in-part of Ser. No. US 2000-533822, filed on 24 Mar 2000, PENDING
PRAI US 2000-254874P 20001213 (60)
US 2000-235991P 20000926 (60)
US 2000-188208P 20000310 (60)
DT Utility
FS APPLICATION
LN.CNT 13690
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500
C [7]
ICM: C07K014-705
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 34 OF 45 USPATFULL on STN
AN 2002:126319 USPATFULL
TI Nucleic acid sequences encoding CMG proteins, CMG proteins, and methods for their use
IN Davis, George E., College Station, TX, UNITED STATES
Bell, Scott E., Bryan, TX, UNITED STATES
PA The Texas A&M University System (U.S. corporation)
PI US 2002064831 A1 20020530
AI US 2001-975901 A1 20011012 (9)
PRAI US 2000-239772P 20001012 (60)
DT Utility
FS APPLICATION
LN.CNT 2145
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 536/023.200; 435/456.000; 435/226.000
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 536/023.200; 435/456.000; 435/226.000
IC [7]
ICM: C12N009-64
ICS: C12N015-861; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 35 OF 45 USPATFULL on STN
AN 2002:126317 USPATFULL
TI Human tumor necrosis factor delta and epsilon
IN Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Gentz, Reiner L., Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)
PI US 2002064829 A1 20020530
US 6541224 B2 20030401
AI US 2001-879919 A1 20010614 (9)
RLI Continuation-in-part of Ser. No. US 1997-815783, filed on 12 Mar 1997, PENDING
PRAI US 1996-16812P 19960314 (60)
US 2001-293499P 20010525 (60)
US 2001-277978P 20010323 (60)
US 2001-276248P 20010316 (60)
US 2000-254875P 20001213 (60)
US 2000-241952P 20001023 (60)
US 2000-211537P 20000615 (60)
DT Utility
FS APPLICATION
LN.CNT 13531
NCL INCLM: 435/069.100
INCLS: 435/325.000; 435/320.100; 530/351.000; 424/145.100; 530/388.230; 536/023.500
CL NCLM: 435/069.500
NCLS: 435/007.710; 435/069.100; 435/069.700; 435/070.100; 514/002.000; 514/012.000; 530/350.000; 530/351.000
C [7]
ICM: A61K039-395
ICS: C07K014-525; C07K016-24; C07H021-04
AS INDEXING IS AVAILABLE FOR THIS PATENT.

5 ANSWER 36 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
N 2003:55665 BIOSIS
N PREV200300055665
I Characterization of mammalian ***stanniocalcin*** receptors: Mitochondrial targeting of ligand and receptor for regulation of cellular metabolism.
U McCudden, Christopher R.; James, Kathi A.; Hasilo, Craig; Wagner, Graham F. [Reprint Author]
S Dept. of Physiology, Faculty of Medicine and Dentistry, University of Western Ontario, London, ON, N6A 5C1, Canada
graham.wagner@fmd.uwo.ca
O Journal of Biological Chemistry, (November 22 2002) Vol. 277, No. 47, pp. 45249-45258. print.
CODEN: JBCHA3. ISSN: 0021-9258.
T Article
A English
D Entered STN: 22 Jan 2003
Last Updated on STN: 22 Jan 2003

5 ANSWER 37 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
N 2002:232951 BIOSIS
N PREV200200232951
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in mammals.
U Ishibashi, Kenichi [Reprint author]; Imai, Masashi
S Dept. of Pharmacology, Jichi Medical School, Minamikawachi, Tochigi, 329-0498, Japan
kishiba@jichi.ac.jp
O American Journal of Physiology, (March, 2002) Vol. 282, No. 3 Part 2, pp. F367-F375. print.
CODEN: AJPHAP. ISSN: 0002-9513.
T Article
General Review; (Literature Review)
A English
D Entered STN: 3 Apr 2002
Last Updated on STN: 3 Apr 2002

5 ANSWER 38 OF 45 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
N 2002:34654525 BIOTECHNO
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in mammals
U Ishibashi K.; Imai M.
S K. Ishibashi, Dept. of Pharmacology, Jichi Medical School, Minamikawachi, Tochigi 329-0498, Japan.
E-mail: kishiba@jichi.ac.jp
O American Journal of Physiology - Renal Physiology, (2002), 282/3 51-3 (F367-F375), 54 reference(s)
CODEN: AJPPFK ISSN: 0363-6127
T Journal; General Review
Y United States
A English
L English

5 ANSWER 39 OF 45 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
N 2002:158003 SCISEARCH
A The Genuine Article (R) Number: 520JQ
I Prospect of a ***stanniocalcin*** endocrine/paracrine system in mammals
U Ishibashi K (Reprint); Imai M
S Jichi Med Sch, Dept Pharmacol, Minami Kawachi, Tochigi 3290498, Japan (Reprint)
YA Japan
O AMERICAN JOURNAL OF PHYSIOLOGY-RENAL PHYSIOLOGY, (MAR 2002) Vol. 282, No. 3, pp. F367-F375.
Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.
ISSN: 0363-6127.
T General Review; Journal
A English
EC Reference Count: 54
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

5 ANSWER 40 OF 45 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
N 2001-10515 BIOTECHDS
I Novel composition useful for treating or protecting neural cells for treating Addison's disease, organ rejection, hyperproliferative disorder, cancer, AIDS, multiple sclerosis, comprises ***stanniocalcin*** polypeptide;
recombinant protein and antibody for use in diagnosis, therapy and prognosis
U Olsen H S; Zhang K; Lindsberg P; Tatlisumak T; Kaste M; Andersson L C
A Hum.Genome-Sci.; Univ.Helsinki
O Rockville, MD, USA; Helsinki, Finland.
I WO 2001030969 3 May 2001
I WO 2000-US29432 20 Oct 2000
RAI US 1999-161740 27 Oct 1999
T Patent
A English
S WPI: 2001-308626 [32]

5 ANSWER 41 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
N 2002:10614 BIOSIS
N PREV200200010614
I Post-natal ontogeny of ***stanniocalcin*** gene expression in rodent

kidney and regulation by dietary calcium and phosphate.
AU Deol, Harminder; Stasko, Sasha Elizabeth; De Niu, Ping; James, Kathi Ann; Wagner, Graham Forsyth [Reprint author]
CS Department of Physiology, Faculty of Medicine and Dentistry, University of Western Ontario, London, Ontario, N6A 5C1, Canada
graham.wagner@fmd.uwo.ca
SO Kidney International, (December, 2001) Vol. 60, No. 6, pp. 2142-2152. print.
CODEN: KDYIA5. ISSN: 0085-2538.
DT Article
LA English
ED Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L5 ANSWER 42 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:460878 BIOSIS
DN PREV200100460878
TI Transcriptional response to ***hypoxia*** in human tumors.
AU Lal, Anita; Peters, Hans; St. Croix, Brad; Haroon, Zishan A.; Dewhirst, Mark W.; Strausberg, Robert L.; Kaanders, Johannes H. A. M.; van der Kogel, Albert J.; Riggins, Gregory J. [Reprint author]
CS Cancer Genomics Laboratory, Duke University Medical Center, Durham, NC, 27710, USA
greg.riggins@duke.edu
SO Journal of the National Cancer Institute (Bethesda), (September 5, 2001) Vol. 93, No. 17, pp. 1337-1343. print.
CODEN: JNCIEQ. ISSN: 0027-8874.
DT Article
LA English
ED Entered STN: 26 Sep 2001
Last Updated on STN: 22 Feb 2002

L5 ANSWER 43 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:51305 BIOSIS
DN PREV200100051305
TI ***Stanniocalcin*** gene expression during mouse urogenital development: A possible role in mesenchymal-epithelial signalling.
AU Stasko, Sasha E.; Wagner, Graham F. [Reprint author]
CS Department of Physiology, Faculty of Medicine and Dentistry, University of Western Ontario, London, ON, N6A 5C1, Canada
graham.wagner@med.uwo.ca
SO Developmental Dynamics, (January, 2001) Vol. 220, No. 1, pp. 49-59. print.
CODEN: DEDYEI. ISSN: 1058-8388.
DT Article
LA English
ED Entered STN: 24 Jan 2001
Last Updated on STN: 12 Feb 2002

L5 ANSWER 44 OF 45 AQUASCI COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved. on STN
AN 2000:26770 AQUASCI
DN ASFA1 2000 30-18456
TI ***Stanniocalcin*** : A molecular guard of neurons during cerebral ***ischemia***
AU Zhang, K.; Lindsberg, P.J.; Tatlisumak, T.; Kaste, M.; Olsen, H.S.; Andersson, L.C.
CS Department of Pathology, Haartman Institute, University of Helsinki, FIN-00014, Helsinki, Finland); E-mail: leif.andersson@helsinki.f
SO Proceedings of the National Academy of Sciences, USA [Proc. Natl. Acad. Sci. USA], (20000328) vol. 97, no. 7, pp. 3637-3642.
ISSN: 0027-8424.
DT Journal
FS ASFA1
LA English
SL English

L5 ANSWER 45 OF 45 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:524588 BIOSIS
DN PREV200000524588
TI Singular contributions of fish neuroendocrinology to mammalian regulatory peptide research.
AU Conlon, J. Michael [Reprint author]
CS Regulatory Peptide Center, Department of Biomedical Sciences, Creighton University Medical School, Omaha, NE, 68178-0405: jmconlon@creighton.edu, USA
SO Regulatory Peptides, (25 September, 2000) Vol. 93, No. 1-3, pp. 3-12.

print.
CODEN: REPPDY. ISSN: 0167-0115.
DT Article
Editorial
LA English
ED Entered STN: 6 Dec 2000
Last Updated on STN: 11 Jan 2002
STN INTERNATIONAL LOGOFF AT 15:05:49 ON 03 AUG 2004